



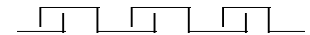
Instrumentation Tubing

Instrumentation tubing is used in numerous industries, specifically by manufacturers of Process & Control Instrumentation, Measuring & Controlling Devices, Analytical Instruments, Search & Navigation Equipment, Medical Instruments. Typical applications include Temperature Measuring, Recording Instruments, Wiring Conduit or Armor Cable, Electronic Shielding, and Protective Casing.

Instrumentation tubing is made in two configurations, or constructions, commonly called SquareLok and InterLok, and is often abbreviated as SL and FI. Instrumentation tubing is made from 304 stainless steel. Other metals are available.

SquareLok Style (SL)

SquareLok tubing is produced from a continuous metal strip, and is held in position by locking one leg of one profile over the leg of the adjacent profile.



Nominal Size	Inside Diameter	Outside Diameter	Coiling Diameter	Weight	Penflex Part Number
1/16"	0.071" 1.8mm	0.114" 2.9mm	1.80" 46mm	0.010lb/ft 15g/m	SL-SS-001
1/8"	0.138" 3.5mm	0.197" 5.0mm	1.50" 38mm	0.022lb/ft 34g/m	SL-SS-002
5/32"	0.157" 4.0mm	0.220" 5.6mm	1.50" 38mm	0.024lb/ft 36g/m	SL-SS-0025
3/16"	0.197" 5.0mm	0.276" 7.0mm	1.88" 48mm	0.030lb/ft 45g/m	SL-SS-003
1/4"	0.236" 6.0mm	0.315" 8.0mm	1.96" 50mm	0.040lb/ft 60g/m	SL-SS-004
9/32"	0.276" 7.0mm	0.354" 9.0mm	2.12" 54mm	0.041lb/ft 62g/m	SL-SS-0045
5/16"	0.315" 8.0mm	0.394" 10.0mm	2.36" 60mm	0.050lb/ft 75g/m	SL-SS-005
3/8"	0.374" 9.5mm	0.484" 12.3mm	2.44" 62mm	0.074lb/ft 110g/m	SL-SS-006
1/2"	0.512" 13.0mm	0.622" 15.8mm	3.14" 80mm	0.087lb/ft 130g/m	SL-SS-008

Fully InterLok Style (FI)

InterLok metal strip and the edges of the strip are completely interlocked with each other. This offers increased crush protection, and higher axial strength.



Nominal Size	Inside Diameter	Outside Diameter	Coiling Diameter	Weight	Penflex Part Number
3/16"	0.196" 5.0mm	0.279" 7.1mm	1.80" 46mm	0.040lb/ft 60g/m	FI-SS-003
7/32"	0.236" 6.0mm	0.315" 8.0mm	1.80" 46mm	0.043lb/ft 64g/m	FI-SS-0035
1/4"	0.275" 7.0mm	0.354" 9.0mm	1.96" 50mm	0.045lb/ft 68g/m	FI-SS-004

Standard Instrumentation tubing is supplied on reels, cleaned and ready for use.
Shipping terms, FOB: GILBERTSVILLE, PA.

